

~~This is a RED Stamp~~  
**ROCKY FLATS PLANT**  
**EMD OPERATING**  
**PROCEDURES MANUAL**

**Manual No.:** 5-21000-OPS-FO  
**Procedure No.:** Table of Contents, Rev 38  
**Page:** 1 of 4  
**Effective Date:** 12/14/92  
**Organization:** Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
VOLUME V: ECOLOGY (EE)  
VOLUME VI: AIR (AP)

**TABLE OF CONTENTS**  
**FOR VOLUME I: FIELD OPERATIONS**

| <u>Procedure No.</u> | <u>Title</u>                                     | <u>Rev. No.</u> | <u>Effective Date</u> |
|----------------------|--|-----------------|-----------------------|
| FO.01                | Air Monitoring and Dust Control                  | 2               | 05/12/92              |
| FO.02                | Transmittal of Field QA Records                  | 3               | 05/22/92              |
| FO.03                | General Equipment Decontamination                | 2               | 05/12/92              |
| DCN 92.01            | Clarification of Decontamination                 | 2               | 07/21/92              |
| FO.04                | Heavy Equipment Decontamination                  | 2               | 05/12/92              |
| DCN 92.01            | Expired  | 1               | 04/30/92              |
| DCN 92.02            | Expired  | 1               | 06/12/92              |
| DCN 92.03            | Consistency Change                               | 1               | 09/18/92              |
| FO.05                | Handling of Purge and Development Water          | 2               | 05/12/92              |
| FO.06                | Handling of Personal Protective Equipment        | 2               | 05/12/92              |
| DCN 92.01            | Monitoring Change                                | 2               | 09/18/92              |
| FO.07                | Handling of Decontamination Water and Wash Water | 2               | 05/12/92              |
| DCN 92.01            | Consistency Change                               | 2               | 09/18/92              |

**ADMIN RECORD**

**DOCUMENT CLASSIFICATION REVIEW WAIVER**  
**PER R.B. HOFFMAN, CLASSIFICATION OFFICE**  
**JUNE 11, 1991**

**ROCKY FLATS PLANT  
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**Procedure No.: Table of Contents, Rev 38**  
**Page: 2 of 4**  
**Effective Date: 12/14/92**  
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| <b><u>Procedure No.</u></b> | <b><u>Title</u></b>  | <b><u>Rev. No.</u></b> | <b><u>Effective Date</u></b> |
|-----------------------------|--|------------------------|------------------------------|
| FO.08                       | Handling of Drilling Fluids and Cuttings                             | 2                      | 05/12/92                     |
| DCN 92.04                   | Clarification of Drill Cuttings                                      | 2                      | 06/04/92                     |
| DCN 92.05                   | Handling of Drilling Fluids and Cuttings                             | 2                      | 09/02/92                     |
| DCN 92.06                   | Clarification of Responsibility                                      | 2                      | 09/09/92                     |
| DCN 92.07                   | Elimination of Drilling Requirements on Earthen Dams                 | 2                      | 09/10/92                     |
| DCN 92.08                   | Consistency Change   | 2                      | 09/18/92                     |
| DCN 92.09                   | Clarification of Augering Technique for OU-6                         | 2                      | 10/28/92                     |
| DCN 92.10                   | Improve Tracking of Samples  | 2                      | 12/07/92                     |
| FO.09                       | Handling of Residual Samples   | 2                      | 05/12/92                     |
| FO.10                       | Receiving, Labeling, and Handling Environmental Materials Containers | 2                      | 05/12/92                     |
| DCN 92.03                   | Clarification on Drums   | 2                      | 06/12/92                     |
| DCN 92.04                   | Decrease in Weekly Inspections of Gray Drums                         | 2                      | 11/18/92                     |
| DCN 92.05                   | Requirement Reduction  | 2                      | 09/16/92                     |
| DCN 92.06                   | Improve Accountability   | 2                      | 10/15/92                     |
| DCN 92.07                   | Change Drum Inspection Period  | 2                      | 10/22/92                     |
| DCN 92.08                   | Drum Log F or M Change   | 2                      | 12/03/92                     |
| FO.11                       | Field Communications   | 2                      | 05/12/92                     |
| FO.12                       | Decontamination Facility Operations                                  | 2                      | 05/12/92                     |

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PROCEDURES MANUAL**

**Manual No.: 5-21000-OPS-FO**  
**Procedure No.: Table of Contents, Rev 38**  
**Page: 3 of 4**  
**Effective Date: 12/14/92**  
**Organization: Environmental Management**

| <b>Procedure<br/>No.</b> | <b>Title</b>   | <b>Rev.<br/>No.</b> | <b>Effective<br/>Date</b> |
|--------------------------|--|---------------------|---------------------------|
| FO.13                    | Containerization, Preserving, Handling<br>and Shipping of Soil and Water Samples | 2                   | 05/12/92                  |
| DCN 92.01                | Chain of Custody   | 2                   | 07/27/92                  |
| DCN 92.02                | Improve Tracking of Samples  | 2                   | 12/08/92                  |
| FO.14                    | Field Data Management  | 2                   | 05/12/92                  |
| DCN 92.01                | Update Bottle Codes and Lab Codes to Current<br>Status                           | 2                   | 06/30/92                  |
| DCN 92.02                | Clarification of Biological Locations<br>(07/08/92- Extended)                    | 2                   | 11/20/92                  |
| DCN 92.03                | Changes in Procedures<br>(07/08/92 - Extended)                                   | 2                   | 11/20/92                  |
| DCN 92.04                | Expired  | 2                   | 10/15/92                  |
| DCN 92.05                | Update QA/QC Code List   | 2                   | 09/28/92                  |
| DCN 92.06                | Clarify Description  | 2                   | 09/28/92                  |
| DCN 92.07                | Update Bottle Code List  | 2                   | 09/28/92                  |
| DCN 92.08                | Add Sub-Contractor Abbreviations   | 2                   | 10/14/92                  |
| DCN 92.09                | Major Form Revision  | 2                   | 11/03/92                  |
| DCN 92.10                | Elimination of Non-Required Section  | 2                   | 11/10/92                  |
| DCN 92.11                | Update Bottle Code & Lab Codes to Current Status                                 | 2                   | 12/09/92                  |
| FO.15                    | Photoionization Detectors (PIDs) and<br>Flame Ionization Detectors (FIDs)        | 2                   | 05/12/92                  |

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**Manual No.: 5-21000-OPS-FO**  
**Procedure No.: Table of Contents, Rev 38**  
**Page: 4 of 4**  
**Effective Date: 12/14/92**  
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| <b><u>Procedure<br/>No.</u></b> | <b><u>Title</u></b>  | <b><u>Rev.<br/>No.</u></b> | <b><u>Effective<br/>Date</u></b> |
|---------------------------------|--|----------------------------|----------------------------------|
| FO.16                           | Field Radiological Measurements  | 2                          | 05/12/92                         |
| DCN 92.04                       | Expired  | 1                          | 09/22/92                         |
| DCN 92.05                       | Addition of HPGe   | 2                          | 11/24/92                         |
| FO.17                           | Determining Out-Of-Specification Analytical<br>Results for Environmental Samples |                            | To Be<br>Added                   |
| FO.18                           | Environmental Sample Radioactivity<br>Content Screening                          | 1                          | 05/12/92                         |
| FO.19                           | Base Laboratory Work   | 2                          | 05/12/92                         |

SEP 12/15/92 This is a #22

**ENVIRONMENTAL MANAGEMENT  
DOCUMENT CHANGE NOTICE (DCN)**

EG&G - ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT  
Procedure Number ~~EDS-31000-OPS-FO. 8, Rev. 2~~  
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Page 1 of 1

|   |                                       |                         |
|---|---------------------------------------|-------------------------|
| Title <u>Handling of Drilling Fluids and Cuttings</u> | Date <u>12/7/92</u><br><u>12/7/95</u> | DCN Number <u>92.10</u> |
|---|---------------------------------------|-------------------------|

Expires 12/7/93 Procedure Revision Required ☒ Yes ☐ No

Scope Limitation: None

| Item Number | Page | Step or Paragraph | Changes<br>(Use DCN CONTINUATION SHEET for additional space)  |
|-------------|------|-------------------|---|
| 1           | 11   | 6.4.1<br># 2      | Revise 2 <sup>nd</sup> sentence to read :<br>" Once the laboratory analytical results of the environmental samples (if required) have been..... " |

Justification (Reason for change - Provide numbers to reference corresponding items above.)

- In some drilling operations, samples will not be taken for analysis.

DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991

| Concurrence            | Organization | Req. | Date    | Concurrence        | Organization | Req. | Date    |
|------------------------|--------------|------|---------|--------------------|--------------|------|---------|
| <u>Gregory M. Gung</u> | QAPM         | X    | 12/8/92 | <u>A.L. Parnas</u> | User         | X    | 12/7/92 |
|                        |              |      |         |                    |              |      |         |
|                        |              |      |         |                    |              |      |         |
|                        |              |      |         |                    |              |      |         |

|   |                          |   |  |                 |
|---|--------------------------|---|--|-----------------|
| Approval of Responsible Manager<br><u>W. J. [Signature]</u> | Date<br><u>12 Dec 92</u> | Is Posting required?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If Yes, by what date?<br><u>upon receipt</u> | Date posted<br> |
|---|--------------------------|---|--|-----------------|